

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017112.D
 Acq On : 13 May 2015 18:03
 Operator : TP/IZ
 Sample : G2194-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-03

Quant Time: May 14 03:28:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	42411	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	166374	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	108918	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	270564	20.00	ng	0.00
75) Chrysene-d12	21.29	240	289721	20.00	ng	0.00
86) Perylene-d12	23.56	264	276609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	157720	65.98	ng	0.00
7) Phenol-d6	6.90	99	129012	38.46	ng	0.00
23) Nitrobenzene-d5	8.87	82	324777	91.14	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	207454	157.56	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	700197	94.33	ng	0.00
78) Terphenyl-d14	19.75	244	1305839	93.93	ng	0.00

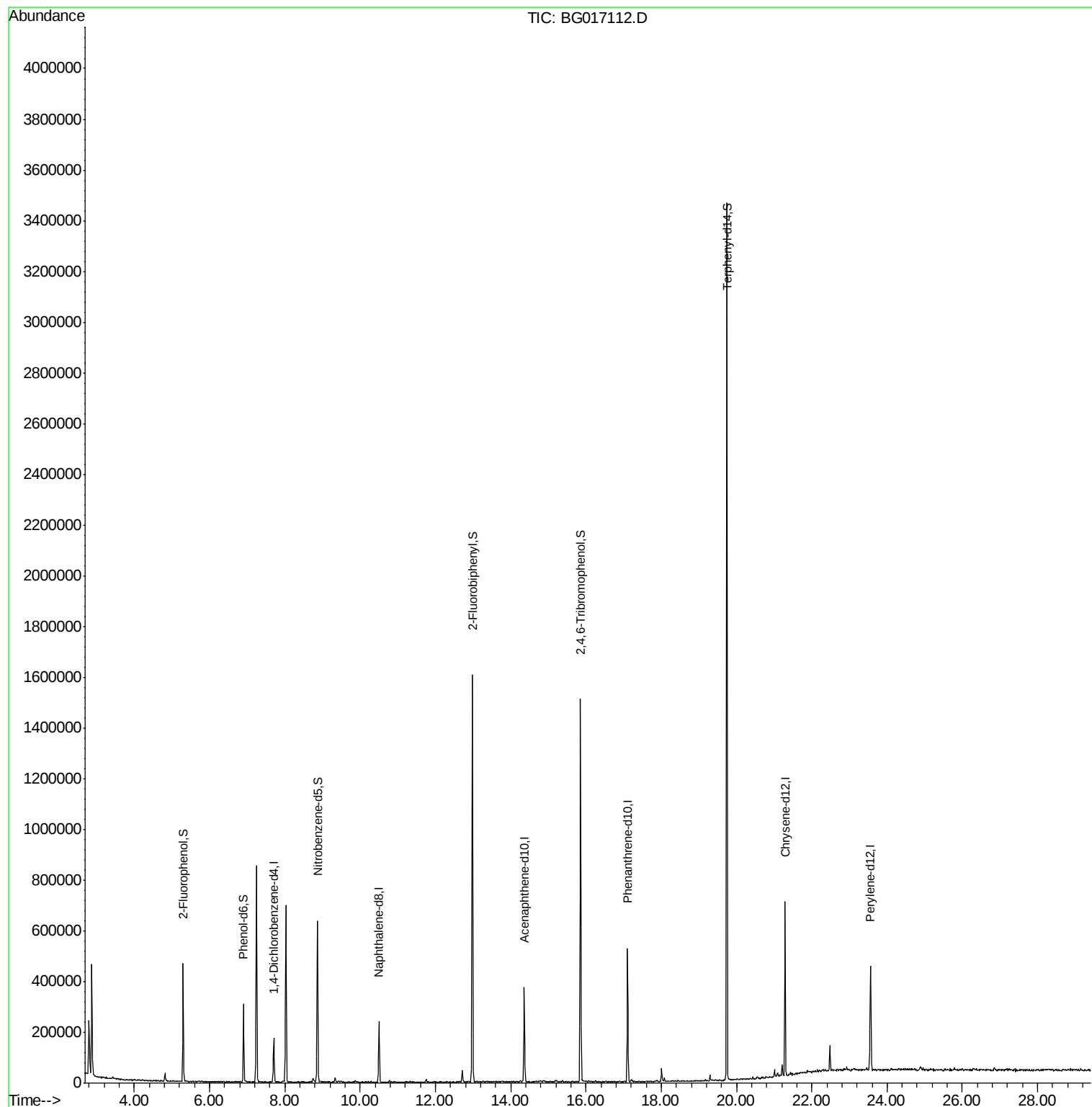
Target Compounds	Qvalue
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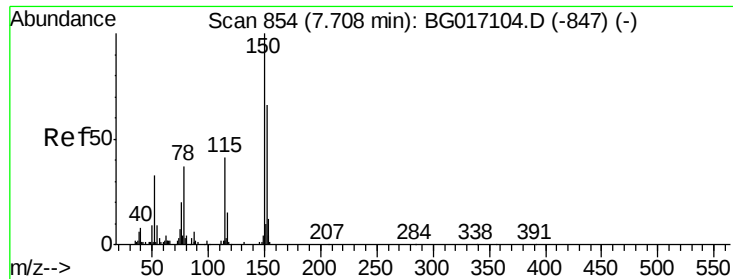
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG017112.D

Acq: 13 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

TU012-TW-03

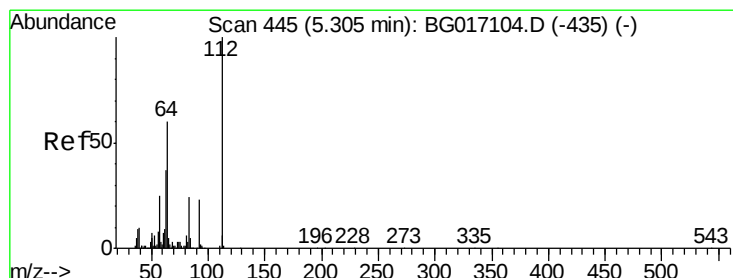
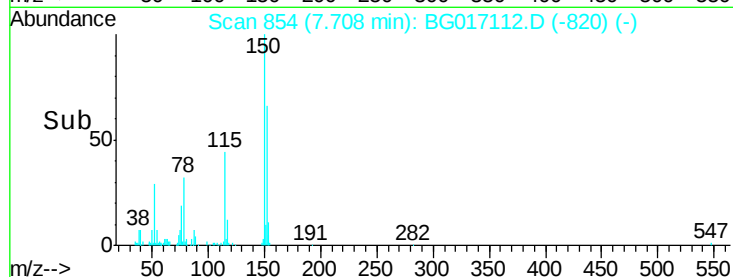
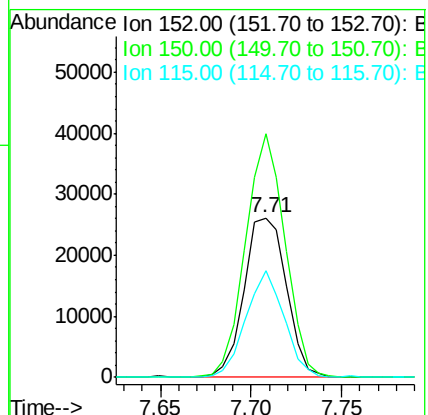
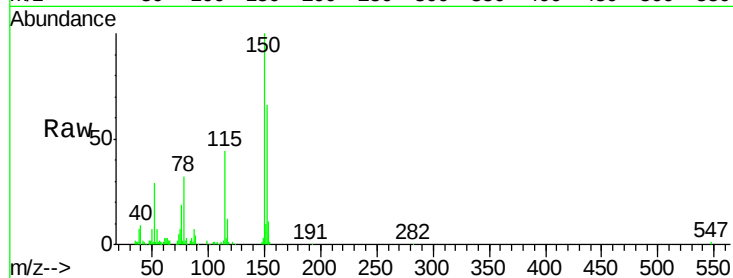
Tgt Ion:152 Resp: 42411

Ion Ratio Lower Upper

152 100

150 152.7 120.8 181.2

115 66.5 49.4 74.2



#5

2-Fluorophenol

Concen: 65.98 ng

RT: 5.30 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG017112.D

Acq: 13 May 2015 18:03

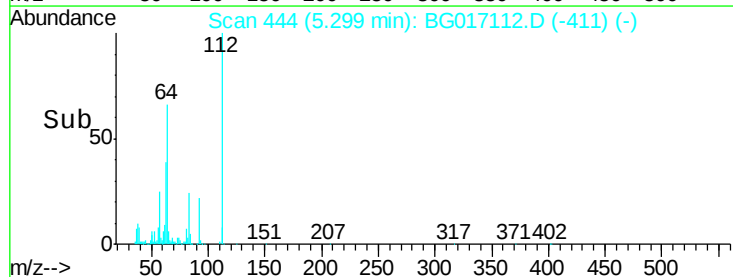
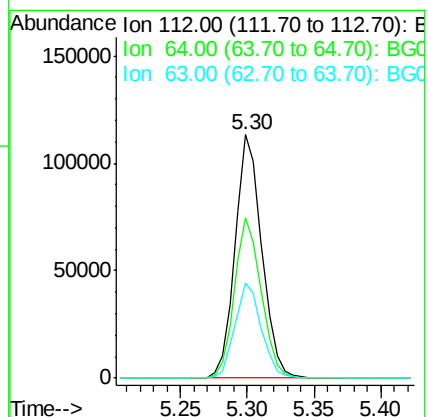
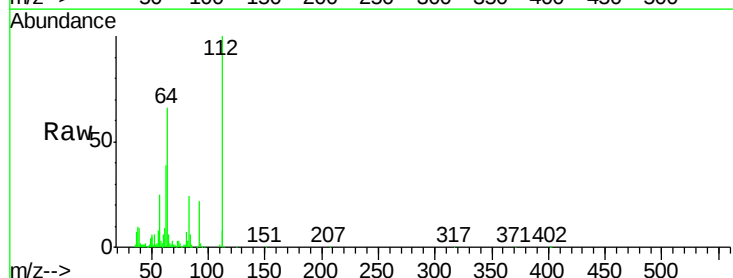
Tgt Ion:112 Resp: 157720

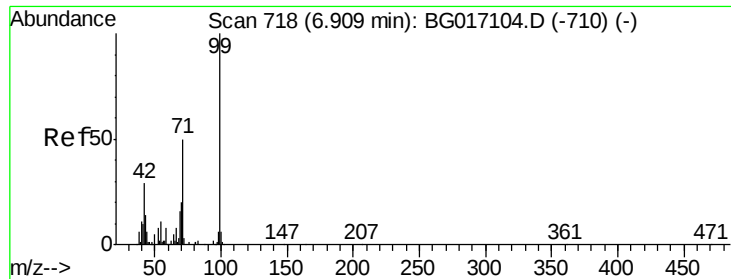
Ion Ratio Lower Upper

112 100

64 65.7 48.1 72.1

63 39.1 29.8 44.8





#7

Phenol-d6

Concen: 38.46 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG017112.D

Acq: 13 May 2015 18:03

Instrument :

BNA_G

ClientSampleId :

TU012-TW-03

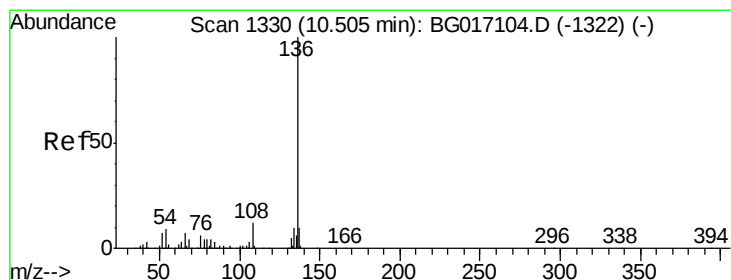
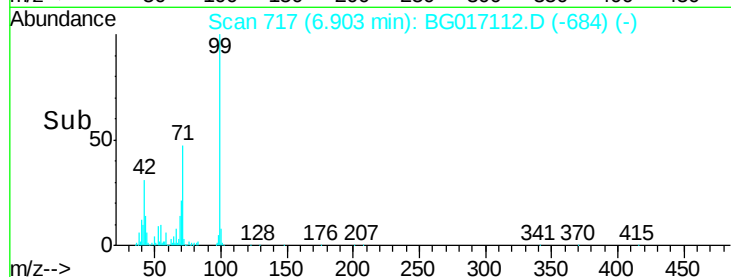
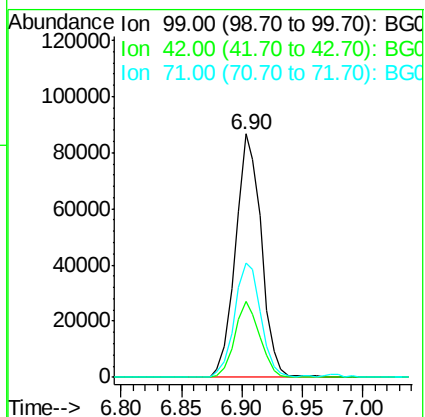
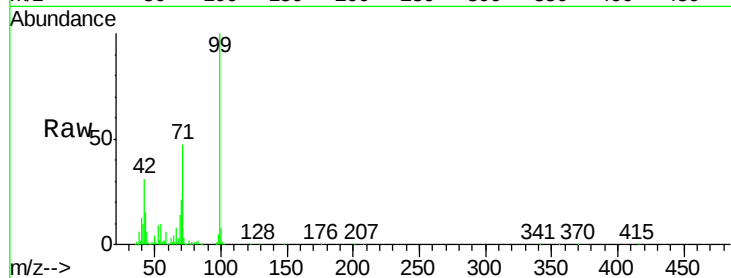
Tgt Ion: 99 Resp: 129012

Ion Ratio Lower Upper

99 100

42 31.2 23.5 35.3

71 46.9 39.8 59.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG017112.D

Acq: 13 May 2015 18:03

Tgt Ion: 136 Resp: 166374

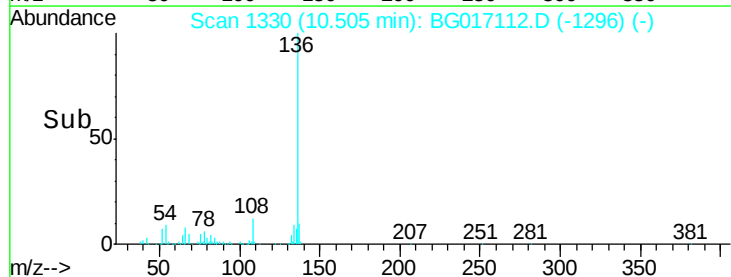
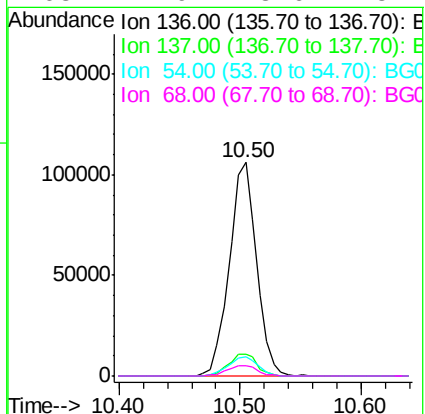
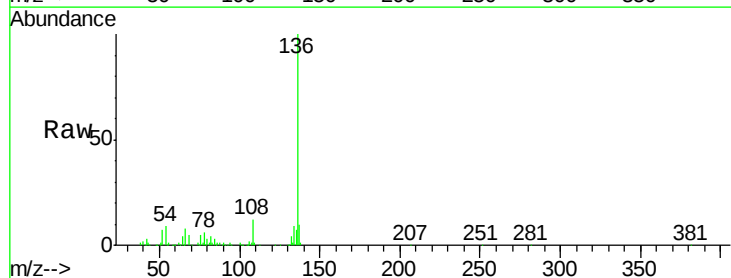
Ion Ratio Lower Upper

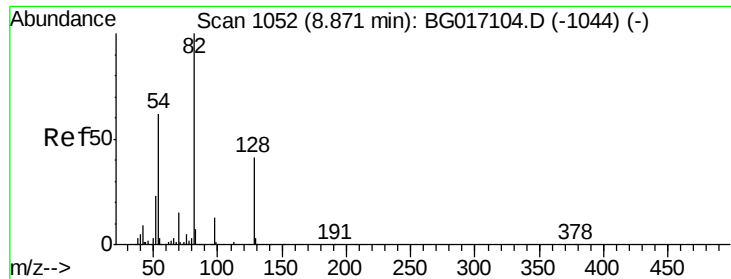
136 100

137 10.2 8.3 12.5

54 9.1 7.4 11.2

68 4.9 3.6 5.4

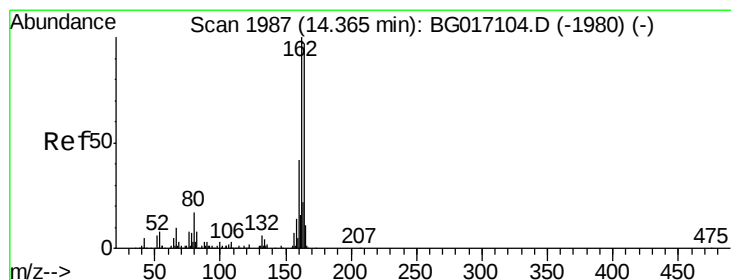
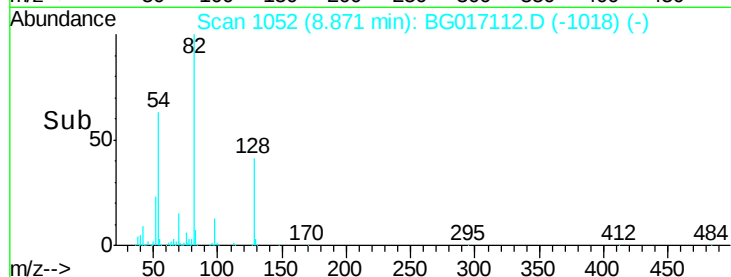
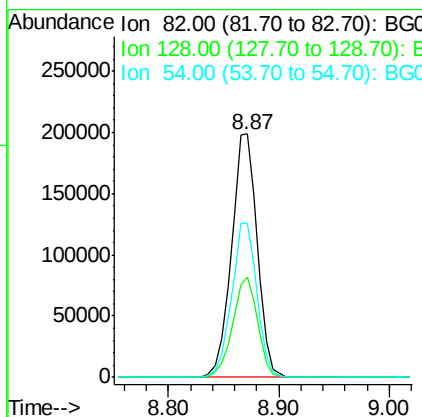
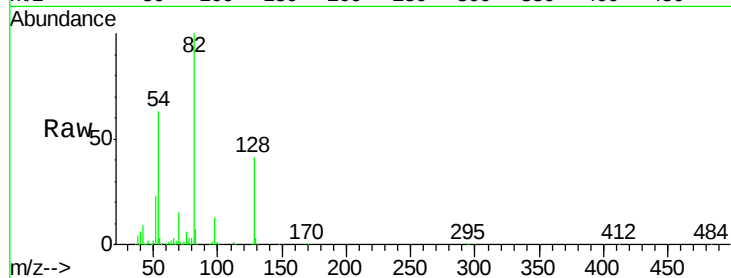




#23
 Nitrobenzene-d5
 Concen: 91.14 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BG017112.D
 Acq: 13 May 2015 18:03

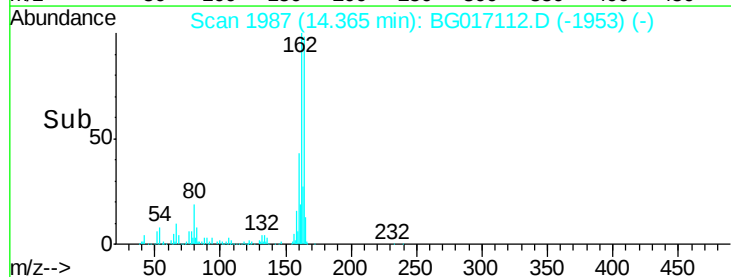
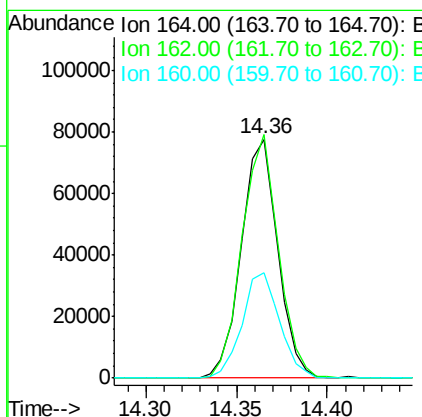
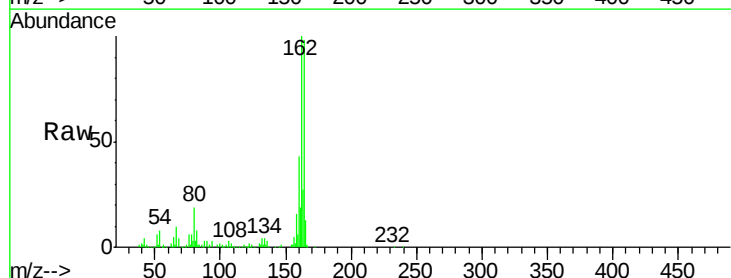
Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-03

Tgt Ion: 82 Resp: 324777
 Ion Ratio Lower Upper
 82 100
 128 40.9 32.6 49.0
 54 63.4 49.6 74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG017112.D
 Acq: 13 May 2015 18:03

Tgt Ion: 164 Resp: 108918
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.1 123.1
 160 44.0 34.8 52.2

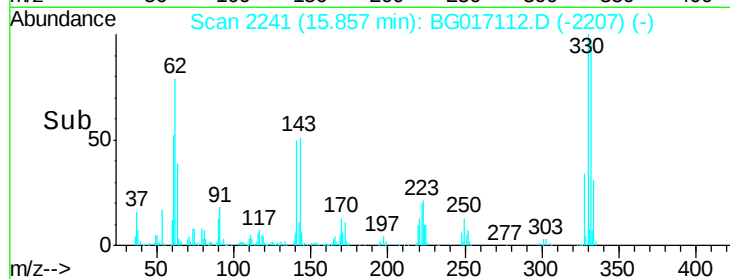
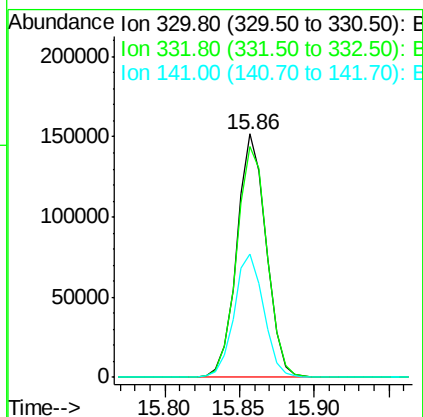
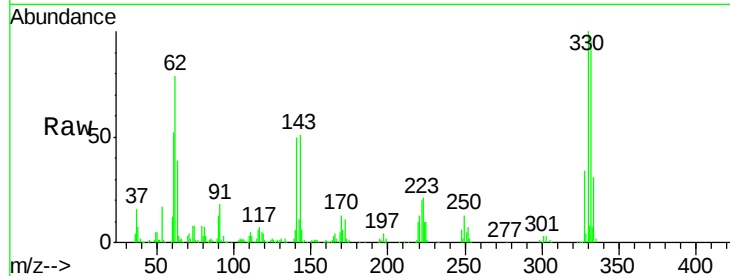




#41
 2,4,6-Tribromophenol
 Concen: 157.56 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG017112.D
 Acq: 13 May 2015 18:03

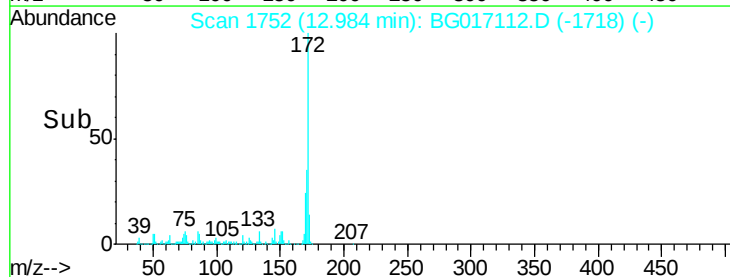
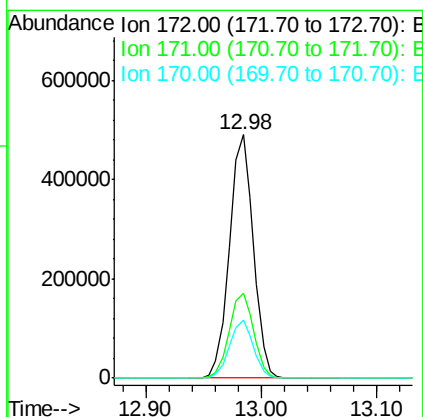
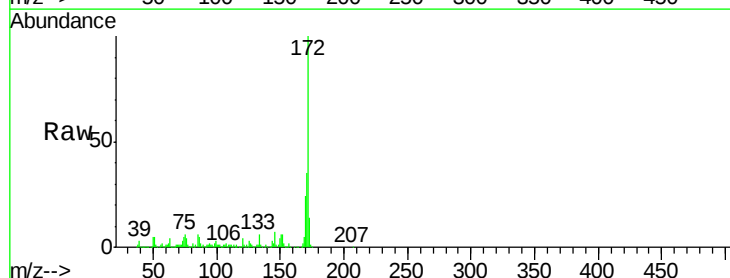
Instrument :
 BNA_G
 ClientSampleId :
 TU012-TW-03

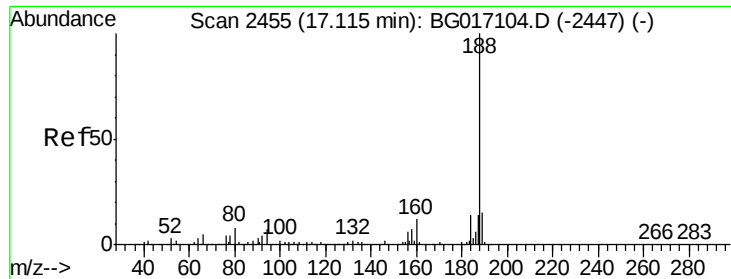
Tgt Ion: 330 Resp: 207454
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.9 115.3
 141 51.2 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 94.33 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG017112.D
 Acq: 13 May 2015 18:03

Tgt Ion: 172 Resp: 700197
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 23.6 18.4 27.6

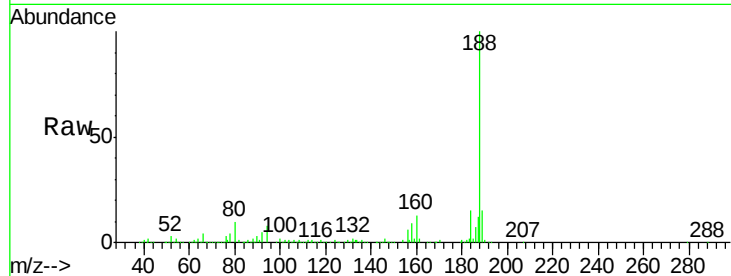




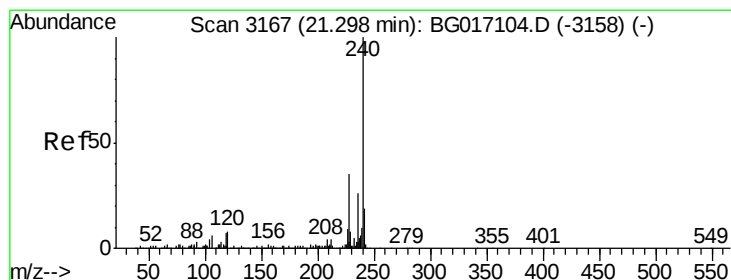
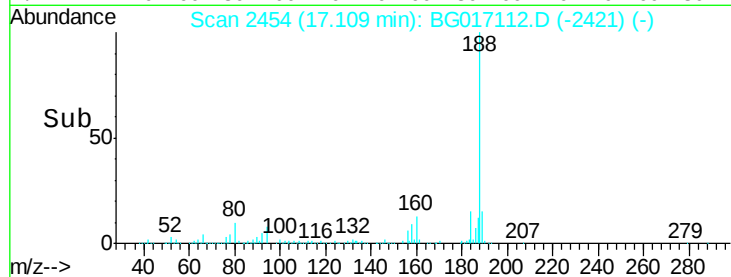
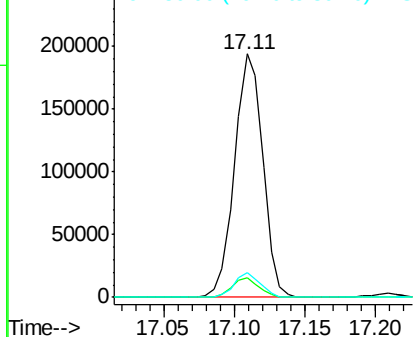
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017112.D
Acq: 13 May 2015 18:03

Instrument :
BNA_G
ClientSampleId :
TU012-TW-03

Tgt Ion:188 Resp: 270564
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.6
80 9.9 6.5 9.7#

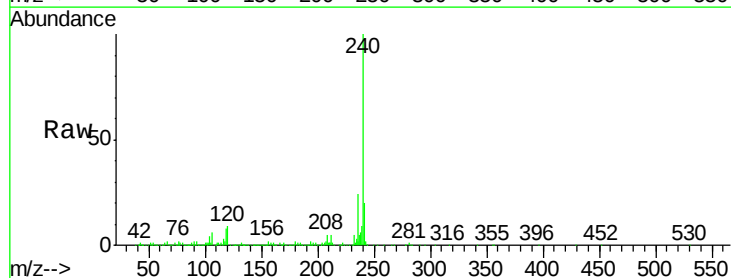


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

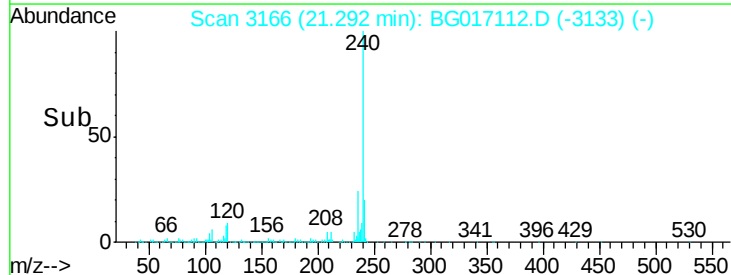
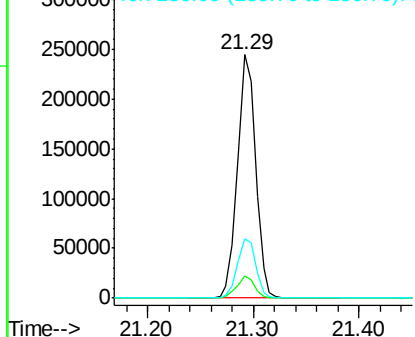


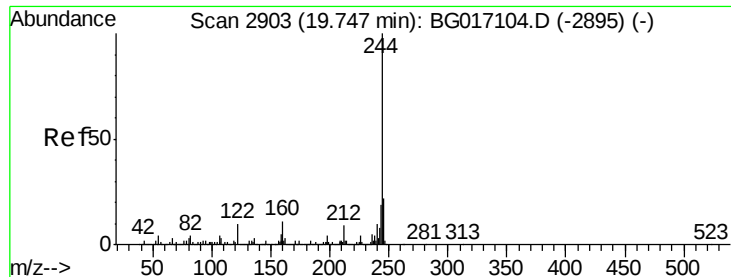
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017112.D
Acq: 13 May 2015 18:03

Tgt Ion:240 Resp: 289721
Ion Ratio Lower Upper
240 100
120 8.9 6.0 9.0
236 24.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.93 ng

RT: 19.75 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017112.D

Acq: 13 May 2015 18:03

Instrument :

BNA_G

ClientSampled :

TU012-TW-03

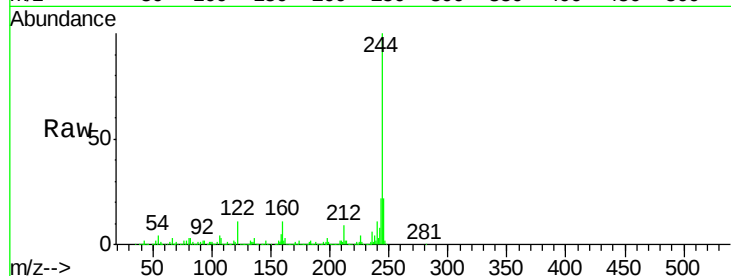
Tgt Ion:244 Resp: 1305839

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

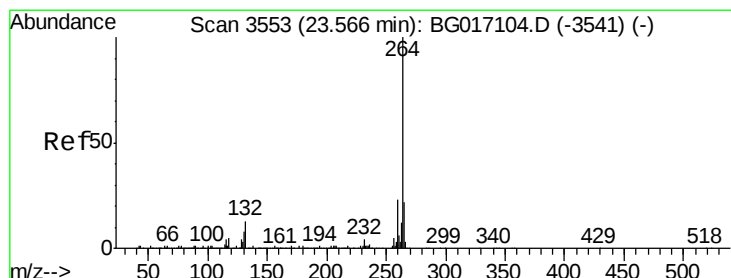
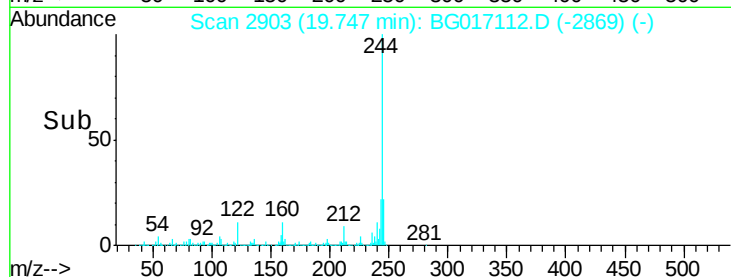
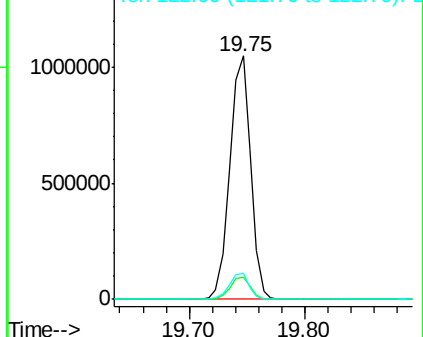
122 10.7 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG017112.D

Acq: 13 May 2015 18:03

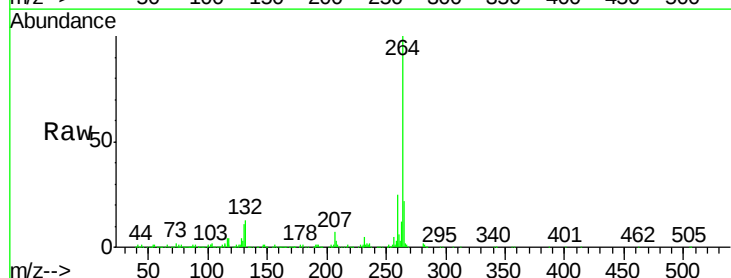
Tgt Ion:264 Resp: 276609

Ion Ratio Lower Upper

264 100

260 24.7 18.0 27.0

265 22.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

